



PATENT
Atty. Dkt. AMAT/8204/DSM/LOW K/JW

17W

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Nguyen, et al.

Serial No.: 10/808,231

Confirmation No.: 5033

Filed: March 23, 2004

For: Low Dielectric Constant
Porous Films

Group Art Unit: 2812

Examiner: Unknown

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

While the information submitted in this Supplemental Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

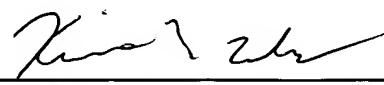
In accordance with 37 CFR § 1.97, this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

CERTIFICATE OF MAILING
37 CFR 1.8

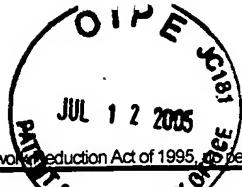
The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/AMAT/8204/KMT.

Respectfully submitted,



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of 3

Complete if Known

Application Number	10/808,231
Filing Date	MARCH 23, 2004
First Named Inventor	NGUYEN, ET AL.
Art Unit	2812
Examiner Name	UNKNOWN

Attorney Docket Number AMAT/8204/DSM/LOW K/JW

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	A1	US- 6,890,639 B2	05/10/2005	MANDAL	
	A2	US- 6,846,515 B2	01/25/2005	VRTIS, ET AL.	
	A3	US- 6,790,789 B2	09/14/2004	GRILL, ET AL.	
	A4	US- 6,770,573 B2	08/03/2004	GRILL, ET AL.	
	A5	US- 6,756,323 B2	06/29/2004	GRILL, ET AL.	
	A6	US- 6,737,365 B1	05/18/2004	KLOSTER, ET AL.	
	A7	US- 6,605,549 B2	08/12/2003	LEU, ET AL.	
	A8	US- 6,596,627 B2	07/22/2003	MANDAL	
	A9	US- 6,583,048 B2	06/24/2003	VINCENT, ET AL.	
	A10	US- 6,582,777 B1	06/24/2003	ROSS, ET AL.	
	A11	US- 6,559,070 B1	05/06/2003	MANDAL	
	A12	US- 6,541,398 B2	04/01/2003	GRILL, ET AL.	
	A13	US- 6,541,367 B1	04/01/2003	MANDAL	
	A14	US- 6,479,110 B2	11/12/2002	GRILL, ET AL.	
	A15	US- 6,441,491 B1	08/27/2002	GRILL, ET AL.	
	A16	US- 6,057,251	05/02/2000	GOO, ET AL.	
	A17	US- 2004/0235291 A1	11/25/2004	MANDAL	
	A18	US- 2004/0175957 A1	09/09/2004	LUKAS, ET AL.	
	A19	US- 2004/0175501 A1	09/09/2004	LUKAS, ET AL.	
	A20	US- 2004/0121139 A1	06/24/2004	YIM, ET AL.	

FOREIGN PATENT DOCUMENTS

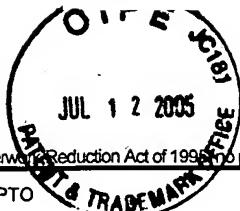
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	B1	EP 1 416 501 A2	05/06/2004	YIM, ET AL.		
	B2	EP 1 354 980 A1	10/22/2003	VRTIS, ET AL.		
	B3	WO 03/088343 A1	10/23/2003	LU, ET AL.		
	B4	WO 03/088344 A1	10/23/2003	LEUNG, ET AL.		
	B5	WO 01/61737 A1	08/23/2001	ROSS, ET AL.		

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**SUPPLEMENTAL
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Sheet 2 of 3

<i>Complete if Known</i>	
Application Number	10/808,231
Filing Date	MARCH 23, 2004
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Art Unit	2812
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Examiner Name	UNKNOWN

Attorney Docket Number

AMAT/8204/DSM/LOW K/JW

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	PCT International Search Report and Written Opinion for PCT/US2005/007408, dated June 6, 2005 (AMAT/8204.PCT)	
	C2	KLOSTER, "Porosity Effects on Low-K Dielectric Film Strength and Interfacial Adhesion" International Interconnect Technology Conference, June 5, 2002, 17 pages.	
	C3	PAUL S. HO, "Material Issues and Impact on Reliability of Cu/Low K Interconnects" AVS Chapter 10/2002, 50 pages.	

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